

AMENDMENTS TO THE CLAIMS:

Please cancel claim 22 without prejudice and accept amended claim 21 as follows:

1. (Previously Presented) An interface method for transferring image data between a host system for executing an application and a display connected to the host system, comprising the steps of:

managing image data by the host system, belonging to a window in accordance with a sub-area obtained by dividing a display area of the display, for the window that is a display area in an image space of which the application is conscious;

transferring the image data managed by the host system as a packet unit to the display via the interface, wherein the packet unit comprises a header indicating that the packet unit corresponds to the window;

developing the image data, transferred to the display via the interface, in a panel memory of the display, and grasping conditions of a transfer error in the transferred image data in a unit of the window; and

grasping by the host system the conditions grasped through the display.

2. (Original) The interface method according to claim 1, wherein a re-transfer of the image data from the host system to the display through the interface is executed based on the conditions of the transfer error grasped by the host system.

3. (Original) The interface method according to claim 2, wherein the re-transfer of the image data is executed for image data of all sub areas belonging to the window, and developing in the panel memory is again executed only for a sub area in which the transfer error occurred.

4. (Original) The interface method according to claim 2, wherein the re-transfer of the image data is executed for a sub area in which the transfer error is grasped.
5. (Original) An image display system comprising:
- a host system for executing an application;
 - a display for displaying an image, the display being connected to the host system;
 - and
 - an interface for connecting the host system and the display to each other, wherein the interface has a first interface for executing a transfer of a large capacity of data from the host system to the display and a second interface for executing a transfer of a small capacity of data from the display to the host system, which is not zero but smaller than the quantity of data transferred by the first interface.
6. (Original) The image display system according to claim 5, wherein the first interface transfers the data after packetizing the data, and the second interface transfers the data used for an error handling among the data transferred by the first interface.
7. (Original) The image display system according to claim 5, wherein the host system transfers image data before developing through the first interface, and the display includes a panel memory for developing the image data transferred through the first interface, and transfers information relating to a transfer error through the second interface, which occurred in transferring the image data developed in the panel memory.
8. (Original) The image display system according to claim 5,

wherein the first interface includes a bi-directional high speed transfer line, and transfers the data in synchronization with high speed clock signals obtained by multiplying clock signals, and

the second interface transfers the data in synchronization with clock signals which are not multiplied for the bi-directional high speed transfer line used for the first interface.

9. (Original) The image display system according to claim 5,

wherein the first interface includes a uni-directional high speed transfer line, and the second interface includes a bi-directional low speed transfer line.

10. (Previously Presented) A host device connected to a display for displaying an image through an interface, comprising:

a system bus for receiving image data from an application executed; and

transfer means for dividing the image data received through the system bus so that each of the divided image data corresponds to a corresponding sub area obtained by parceling a display area of the display, and for transferring each of the divided image data in the form of a packet comprising a header after packetizing each of the divided image data as a unit, wherein the header includes information for identifying whether the packet indicates a re-transfer for transferring the image data again.

11. (Original) The host device according to claim 10, wherein the system bus receives the image data in accordance with a window that is a region making sense collectively in an image space of which the application is conscious, and the transfer means transfers the image data to the display so that each of the divided image data corresponds to the corresponding sub area belonging to the window.

12. (Previously Presented) A host device which executes an application and is connected to a display for displaying an image through an interface, comprising:

image data transfer means for transferring image data to the display after packetizing the image data into a packet unit corresponding to a window that is a display area in an image space of which the application is conscious, wherein the packet unit comprises a header indicating that the packet unit corresponds to the window; and

error condition receiving means for receiving error conditions with reference to the image data transferred to the display by the image data transfer means, in the form of a predetermined collective unit from the display.

13. (Original) The host device according to claim 12, wherein the predetermined collective unit with which the error condition receiving means receives the error conditions is a unit of the window developed by the display.

14. (Original) The host device according to claim 12, wherein the image transfer means re-transfers the image data based on the error conditions received by the error condition receiving means.

15. (Original) An image display device comprising:

a panel for displaying an image;

receiving means for receiving image data through a first interface from a host system which executes an application, the first interface transferring a large quantity of image data; and

notifying means for notifying information indicating a transfer error with respect to the image data received by the receiving means to the host system through a second interface transferring a smaller quantity of image data than the first interface.

16. (Original) The image display device according to claim 15,
the image display device further comprising:
a panel memory for developing the image data received by the receiving means,
wherein the notifying means notifies collectively the information relating to the
transfer error in a unit with which a refreshment of the panel is performed using the image
data developed in the panel memory.
17. (Original) The image display device according to claim 15, wherein the notifying means
notifies information indicating the transfer error when a still picture is displayed in the
panel, and does not notify the information indicating the transfer error when a moving
picture is displayed in the panel.
18. (Previously Presented) An image display device comprising:
a panel for displaying an image;
receiving means for receiving image data packetized from a host system which
executes an application;
a panel memory for developing the image data received by the receiving means; and
transfer error notifying means for recognizing a transfer error with respect to the
image data received by the receiving means, and for notifying information relating to the
transfer error to the host system, the transfer error being recognized in a unit developed in
the panel memory, wherein the transfer error notifying means comprises an identification
information storing section for storing identification information of the image data which
caused the transfer error and notifies the identification information stored in the
identification information storing section to the host system.

19. (Cancelled)

20. (Previously Presented) The image display device according to claim 18, wherein the identification information storing section has error address registers for identifying a packet received and a pointer register indicating the number of the error address registers.

21. (Currently Amended) A display interface which transfers image data from a host system for executing an application to a display for executing an image display, comprising:

variable-length packet data for transferring image data obtained by dividing an image space, of which the application is conscious, into a predetermined unit, the image data being packetized; and

a control line for indicating a valid packet period in the variable-length packet data,
wherein the control line uses an enable signal including predetermined bits in the interface for transferring the packet data.

22. (Cancelled)

23. (Original) A display interface which transfers image data for each sub area belonging to a window to a display, the image data being transferred after making the image data have a packet structure and the window being a region making sense collectively in an image space of which an application is conscious, wherein the packet structure comprises:

a header portion including information indicating which window the packet belongs to;

a body portion including image data belonging to the sub area for the display and information relating to an address of the sub area; and

a footer portion including information for confirming a transfer error.

24. (Original) The display interface according to claim 23, wherein the header portion includes information for identifying whether the packet indicates a re-transfer for transferring the image data again.

25. (Original) The display interface according to claim 23, wherein the footer portion has a bit array for confirming a transfer error.